

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/530, 106 A
Source: IFWP
Date Processed by STIC: 08/04/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 08/04/2006

PATENT APPLICATION: US/10/530,106A

TIME: 13:08:04

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\08042006\J530106A.raw

5 <110> APPLICANT: Hooft Van Huijsduijnen, Rob
 6 Walchli, Sebastien
 9 <120> TITLE OF INVENTION: Use of protein tyrosine phosphatase inhibitors
 for prevention and/or
 10 treatment of cancer
 14 <130> FILE REFERENCE: SLII-P01-003
 17 <140> CURRENT APPLICATION NUMBER: US 10/530,106A
 C--> 18 <141> CURRENT FILING DATE: 2005-04-01
 21 <150> PRIOR APPLICATION NUMBER: EP 02022227.9
 22 <151> PRIOR FILING DATE: 2002-10-02
 25 <160> NUMBER OF SEQ ID NOS: 34
 29 <170> SOFTWARE: PatentIn version 3.1
 33 <210> SEQ ID NO: 1
 35 <211> LENGTH: 1115
 37 <212> TYPE: PRT
 39 <213> ORGANISM: Homo sapiens
 43 <400> SEQUENCE: 1
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 46 1 5 10 15
 49 Leu Gly Leu Cys Ser Trp Thr Gly Ala Arg Ala Pro Ala Pro Asn Pro
 50 20 25 30
 53 Gly Arg Asn Leu Thr Val Glu Thr Gln Thr Thr Ser Ser Ile Ser Leu
 54 35 40 45
 57 Ser Trp Trp Glu Val Pro Asp Gly Leu Asp Ser Gln Asn Ser Asn Tyr Trp
 58 50 55 60
 61 Val Gln Cys Thr Gly Asp Gly Gly Thr Thr Glu Thr Arg Asn Thr Thr
 62 65 70 75 80
 65 Ala Thr Asn Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu Tyr Thr
 66 85 90 95
 69 Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val Gly Thr
 70 100 105 110
 73 Val Thr Thr Ala Thr Ala Pro Asn Pro Val Arg Asn Leu Arg Val Glu
 74 115 120 125
 77 Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro Asp Gly
 78 130 135 140
 81 Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly Asp Gly
 82 145 150 155 160
 85 Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr Val Asp
 86 165 170 175
 89 Gly Leu Glu Pro Gly Cys Leu Tyr Ala Phe Ser Met Trp Val Gly Lys
 90 180 185 190
 93 Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr Ala His
 94 195 200 205
 97 Asn Pro Val Arg Asn Leu Arg Val Glu Ala Gln Thr Thr Ser Ser Ile

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98      210      215      220
101 Ser Leu Ser Trp Glu Val Pro Asp Gly Thr Asp Pro Gln Asn Ser Thr
102 225      230      235      240
105 Tyr Cys Ile Gln Cys Thr Gly Asp Gly Gly Arg Thr Glu Thr Arg Asn
106      245      250      255
109 Thr Thr Asp Thr Arg Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu
110      260      265      270
113 Tyr Thr Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val
114      275      280      285
117 Glu Ile Val Thr Ser Thr Thr Ala Pro Asn Pro Val Arg Asn Leu Thr
118      290      295      300
121 Val Glu Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro
122 305      310      315      320
125 Asp Gly Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly
126      325      330      335
129 Asp Gly Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr
130      340      345      350
133 Val Asp Arg Leu Glu Pro Gly Cys Leu Tyr Val Phe Ser Val Trp Val
134      355      360      365
139 Gly Lys Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr
140      370      375      380
143 Ala Pro Asn Pro Val Arg Asn Leu His Met Glu Thr Gln Thr Asn Ser
144 385      390      395      400
147 Ser Ile Ala Leu Cys Trp Glu Val Pro Asp Gly Pro Tyr Pro Gln Asp
148      405      410      415
151 Tyr Thr Tyr Trp Val Glu Tyr Thr Gly Asp Gly Gly Gly Thr Glu Thr
152      420      425      430
155 Arg Asn Thr Thr Asn Thr Ser Val Thr Ala Glu Arg Leu Glu Pro Gly
156      435      440      445
159 Thr Leu Tyr Thr Phe Ser Val Trp Ala Glu Lys Asn Gly Ala Arg Gly
160      450      455      460
163 Ser Arg Gln Asn Val Ser Ile Ser Thr Val Pro Asn Ala Val Thr Ser
164 465      470      475      480
167 Leu Ser Lys Gln Asp Trp Thr Asn Ser Thr Ile Ala Leu Arg Trp Thr
168      485      490      495
171 Ala Pro Gln Gly Pro Gly Gln Ser Ser Tyr Ser Tyr Trp Val Ser Trp
172      500      505      510
175 Val Arg Glu Gly Met Thr Asp Pro Arg Thr Gln Ser Thr Ser Gly Thr
176      515      520      525
179 Asp Ile Thr Leu Lys Glu Leu Glu Ala Gly Ser Leu Tyr His Leu Thr
180      530      535      540
183 Val Trp Ala Glu Arg Asn Glu Val Arg Gly Tyr Asn Ser Thr Leu Thr
184 545      550      555      560
187 Ala Ala Thr Ala Pro Asn Glu Val Thr Asp Leu Gln Asn Glu Thr Gln
188      565      570      575
191 Thr Lys Asn Ser Val Met Leu Trp Trp Lys Ala Pro Gly Asp Pro His
192      580      585      590
195 Ser Gln Leu Tyr Val Tyr Trp Val Gln Trp Ala Ser Lys Gly His Pro
196      595      600      605

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199 Arg Arg Gly Gln Asp Pro Gln Ala Asn Trp Val Asn Gln Thr Ser Arg
200      610                      615                      620
203 Thr Asn Glu Thr Trp Tyr Lys Val Glu Ala Leu Glu Pro Gly Thr Leu
204 625                      630                      635                      640
207 Tyr Asn Phe Thr Val Trp Ala Glu Arg Asn Asp Val Ala Ser Ser Thr
208                      645                      650                      655
211 Gln Ser Leu Cys Ala Ser Thr Tyr Pro Asp Thr Val Thr Ile Thr Ser
212                      660                      665                      670
215 Cys Val Ser Thr Ser Ala Gly Tyr Gly Val Asn Leu Ile Trp Ser Cys
216      675                      680                      685
219 Pro Gln Gly Gly Tyr Glu Ala Phe Glu Leu Glu Val Gly Gly Gln Arg
220      690                      695                      700
223 Gly Ser Gln Asp Arg Ser Ser Cys Gly Glu Ala Val Ser Val Leu Gly
224 705                      710                      715                      720
227 Leu Gly Pro Ala Arg Ser Tyr Pro Ala Thr Ile Thr Thr Ile Trp Asp
228                      725                      730                      735
231 Gly Met Lys Val Val Ser His Ser Val Val Cys His Thr Glu Ser Ala
232      740                      745                      750
235 Gly Val Ile Ala Gly Ala Phe Val Gly Ile Leu Leu Phe Leu Ile Leu
236      755                      760                      765
239 Val Gly Leu Leu Ile Phe Phe Leu Lys Arg Arg Asn Lys Lys Lys Gln
240      770                      775                      780
243 Gln Lys Pro Glu Leu Arg Asp Leu Val Phe Ser Ser Pro Gly Asp Ile
244 785                      790                      795                      800
247 Pro Ala Glu Asp Phe Ala Asp His Val Arg Lys Asn Glu Arg Asp Ser
248                      805                      810                      815
251 Asn Cys Gly Phe Ala Asp Glu Tyr Gln Gln Leu Ser Leu Val Gly His
252                      820                      825                      830
255 Ser Gln Ser Gln Met Val Ala Ser Ala Ser Glu Asn Asn Ala Lys Asn
256      835                      840                      845
259 Arg Tyr Arg Asn Val Leu Pro Tyr Asp Trp Ser Arg Val Pro Leu Lys
260      850                      855                      860
263 Pro Ile His Glu Glu Pro Gly Ser Asp Tyr Ile Asn Ala Ser Phe Met
264 865                      870                      875                      880
267 Pro Gly Leu Trp Ser Pro Gln Glu Phe Ile Ala Thr Gln Gly Pro Leu
268                      885                      890                      895
271 Pro Gln Thr Val Gly Asp Phe Trp Arg Leu Val Trp Glu Gln Gln Ser
272                      900                      905                      910
275 His Thr Leu Val Met Leu Thr Asn Cys Met Glu Ala Gly Arg Val Lys
276      915                      920                      925
279 Cys Glu His Tyr Trp Pro Leu Asp Ser Gln Pro Cys Thr His Gly His
280      930                      935                      940
283 Leu Arg Val Thr Leu Val Gly Glu Glu Val Met Glu Asn Trp Thr Val
284 945                      950                      955                      960
287 Arg Glu Leu Leu Leu Leu Gln Val Glu Glu Gln Lys Thr Leu Ser Val
288                      965                      970                      975
291 Arg Gln Phe His Tyr Gln Ala Trp Pro Asp His Gly Val Pro Ser Ser
292      980                      985                      990
295 Pro Asp Thr Leu Leu Ala Phe Trp Arg Met Leu Arg Gln Trp Leu Asp

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296	995	1000	1005
299 Gln Thr Met Glu Gly Gly Pro Pro Ile Val His Cys Ser Ala Gly			
300 1010		1015	1020
303 Val Gly Arg Thr Gly Thr Leu Ile Ala Leu Asp Val Leu Leu Arg			
304 1025		1030	1035
307 Gln Leu Gln Ser Glu Gly Leu Leu Gly Pro Phe Ser Phe Val Arg			
308 1040		1045	1050
311 Lys Met Arg Glu Ser Arg Pro Leu Met Val Gln Thr Glu Ala Gln			
312 1055		1060	1065
315 Tyr Val Phe Leu His Gln Cys Ile Leu Arg Phe Leu Gln Gln Ser			
316 1070		1075	1080
319 Ala Gln Ala Pro Ala Glu Lys Glu Val Pro Tyr Glu Asp Val Glu			
320 1085		1090	1095
323 Asn Leu Ile Tyr Glu Asn Val Ala Ala Ile Gln Ala His Lys Leu			
324 1100		1105	1110
327 Glu Val			
328 1115			
331 <210> SEQ ID NO: 2			
333 <211> LENGTH: 20			
335 <212> TYPE: DNA			
337 <213> ORGANISM: Artificial Sequence			
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343 <223> OTHER INFORMATION: Primer			
345 <400> SEQUENCE: 2			
346 ccagctcacc atggatgatg			20
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351 <211> LENGTH: 22			
353 <212> TYPE: DNA			
355 <213> ORGANISM: Artificial Sequence			
359 <220> FEATURE:			
361 <223> OTHER INFORMATION: Primer			
363 <400> SEQUENCE: 3			
364 ccttaatgtc acgcacgatt tc			22
367 <210> SEQ ID NO: 4			
369 <211> LENGTH: 20			
371 <212> TYPE: DNA			
373 <213> ORGANISM: Artificial Sequence			
377 <220> FEATURE:			
379 <223> OTHER INFORMATION: Primer			
381 <400> SEQUENCE: 4			
382 catgctgacc aactgcatgg			20
385 <210> SEQ ID NO: 5			
387 <211> LENGTH: 20			
389 <212> TYPE: DNA			
391 <213> ORGANISM: Artificial Sequence			
395 <220> FEATURE:			
397 <223> OTHER INFORMATION: Primer			
399 <400> SEQUENCE: 5			
400 gcgagtcacag aggccagtaa			20

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403 <210> SEQ ID NO: 6
405 <211> LENGTH: 20
407 <212> TYPE: DNA
409 <213> ORGANISM: Artificial Sequence
413 <220> FEATURE:
415 <223> OTHER INFORMATION: Primer
417 <400> SEQUENCE: 6
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423 <211> LENGTH: 20
425 <212> TYPE: DNA
427 <213> ORGANISM: Artificial Sequence
431 <220> FEATURE:
433 <223> OTHER INFORMATION: Primer
435 <400> SEQUENCE: 7
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439 <210> SEQ ID NO: 8
441 <211> LENGTH: 22
443 <212> TYPE: DNA
445 <213> ORGANISM: Artificial Sequence
449 <220> FEATURE:
451 <223> OTHER INFORMATION: Primer
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454 gatgggattt ccattgatga ca                                22
457 <210> SEQ ID NO: 9
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463 <213> ORGANISM: Artificial Sequence
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471 <400> SEQUENCE: 9
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477 <211> LENGTH: 21
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481 <213> ORGANISM: Artificial Sequence
485 <220> FEATURE:
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495 <211> LENGTH: 22
497 <212> TYPE: DNA
499 <213> ORGANISM: Artificial Sequence
503 <220> FEATURE:
505 <223> OTHER INFORMATION: Primer
507 <400> SEQUENCE: 11
508 ctgtgctccc actcctgatt tc                                22
511 <210> SEQ ID NO: 12

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/530,106A

DATE: 08/04/2006

TIME: 13:08:05

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\08042006\J530106A.raw

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date